3D Printing w/ Standard PLA!

Standard PLA is an economical, reliable 3D printing material with a basic color selection. Standard PLA is our most popular 3D printing material. It's easy to see why: no harsh fumes, no heated bed necessary, and 100% bio-based. Great for quick, inexpensive prototypes.

Standard PLA is a 100% biodegradable material that is easier on the environment. It has a quick transition from molten to solid, allowing for more detail than other plastics. PLA, or Polylactic Acid, is among the most popular 3D printing materials in the world because it is easy to print and strong. Standard PLA is a hard plastic that produces a barely noticeable but pleasant, sugary smell when extruding.

4KG sizes are available in Snow White and Midnight Black. 1KG sizes are available in those colors plus Ocean Blue, Fire Engine Red, Natural, and Grass Green.

Print Settings
Our Standard PLA prints well at 185°-215°C. Recommended bed temperature is 0°-60°C. Best practices for printing speed are 40-100 mm/s.

Filament Information

Quality: All 3D-Fuel 3D printer filament is manufactured in our own production facility located in Fargo, North Dakota or in Moville, Ireland (depending on customer location). We have complete control over the manufacturing process and are able to ensure consistent quality for every spool.

Diameter Tolerance: Variable diameter can cause big problems in your 3D printer. We use a multi-axis laser measurement system to control our filament diameter and ovality in real time during production. Every spool has the diameter and ovality measurements *listed right on the box*.

Packing Information: A 1kg (2.2lbs) or 4kg (8.8lbs) of Standard PLA plastic filament arrives on a durable plastic reel and is vacuum sealed with a desiccant packet to keep out any moisture.

Test Printing: The 3D-Fuel test lab features multiple brands of 3D printers including MakerBot, LulzBot, FlashForge, and more. We 3D print what we manufacture to ensure that our filament provides the absolute best quality.

Diameter Tolerance Print-out for each and every spool right on the box!

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Reel Report
Product Name: 3Dom_1.75
Beginning Date: 04/19/2016

Mean Diam. (mm):
Average:     1.757

Ovality (mm):
Average:     0.010

Mean Diam. (mm)

1.800

1.750

1.700

          200
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